

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2017/0103566 A1

Apr. 13, 2017 (43) **Pub. Date:**

(54) TEXTURE PROCESSING METHOD AND

(71) Applicant: Samsung Electronics Co., Ltd.,

Suwon-si (KR)

- (72) Inventor: Seok KANG, Yongin-si (KR)
- (73) Assignee: Samsung Electronics Co., Ltd., Suwon-si (KR)
- (21) Appl. No.: 15/146,302
- (22) Filed: May 4, 2016
- (30)Foreign Application Priority Data

Oct. 12, 2015 (KR) 10-2015-0142231

Publication Classification

(51) Int. Cl. G06T 15/04 (2006.01)G06T 15/00 (2006.01)G06T 15/80 (2006.01)

(52) U.S. Cl. CPC G06T 15/04 (2013.01); G06T 15/80 (2013.01); G06T 15/005 (2013.01); G06T 2200/12 (2013.01); G06T 2200/04 (2013.01); G06T 2207/20024 (2013.01)

(57)**ABSTRACT**

A texture processing unit includes a controller configured to obtain a texture coordinate and spatial frequency information for each channel of a texture corresponding to the texture coordinate, and determine a filtering control signal for each channel of the texture based on the spatial frequency information for each channel, and a texture filter configured to perform filtering for each channel of the texture according to the filtering control signal for each corresponding channel.

